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(54) **CORROSION RESISTANT PEM FUEL CELL**

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(58) **Field of Search** **429/30, 38, 44, 429/41**

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(57) **ABSTRACT**

A PEM fuel cell having electrical contact elements comprising a corrosion-susceptible substrate metal coated with an electrically conductive, corrosion-resistant polymer containing a plurality of electrically conductive, corrosion-resistant filler particles. The substrate may have an oxidizable metal first layer (e.g., stainless steel) underlying the polymer coating.

8 Claims, 3 Drawing Sheets

